

LAMP PHOTOMETRIC REPORT

MODEL:

POWER: 300W

VOLTAGE: 220V

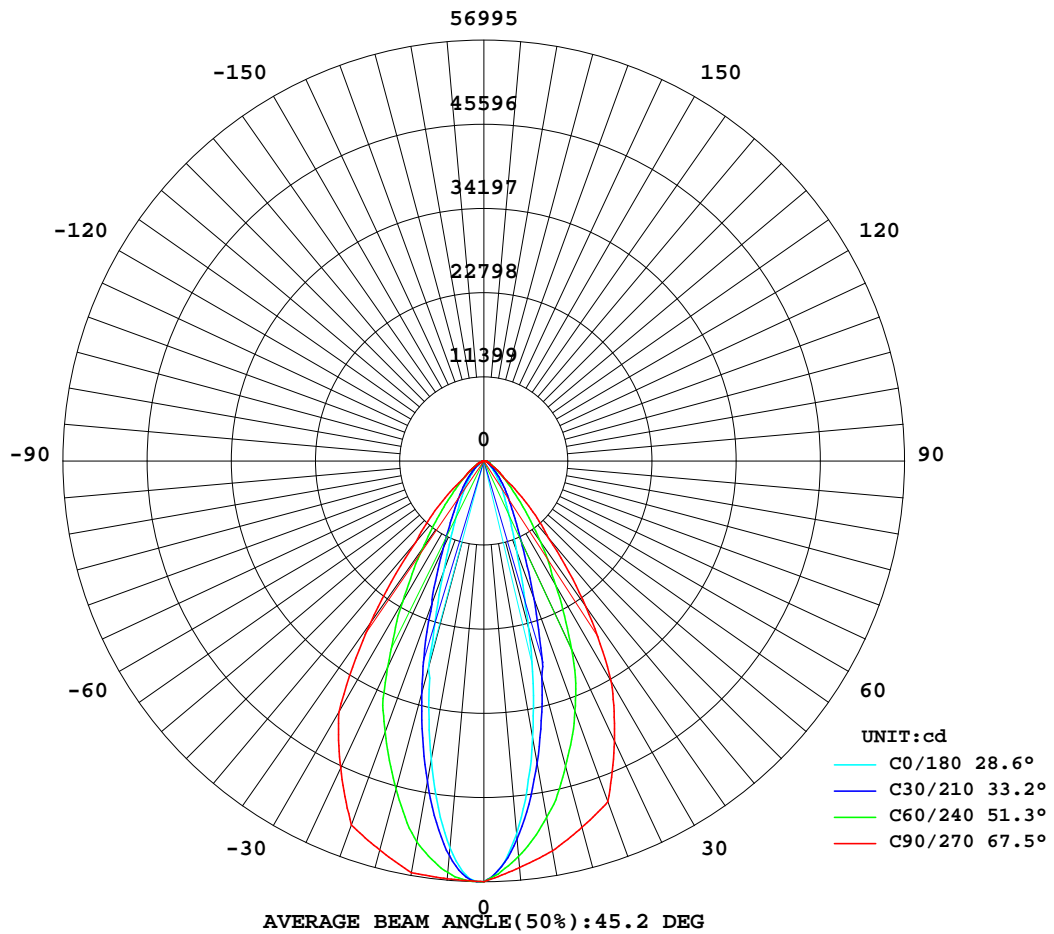
WORKING VOLTAGE: 219.2V

MANUFACTURER: LI TIAN

TOTAL FLUX: 39171 lm

Efficiency: 132.06 lm/W

Test: U: 219.3V I: 1.406A P: 296.6W PF: 0.962



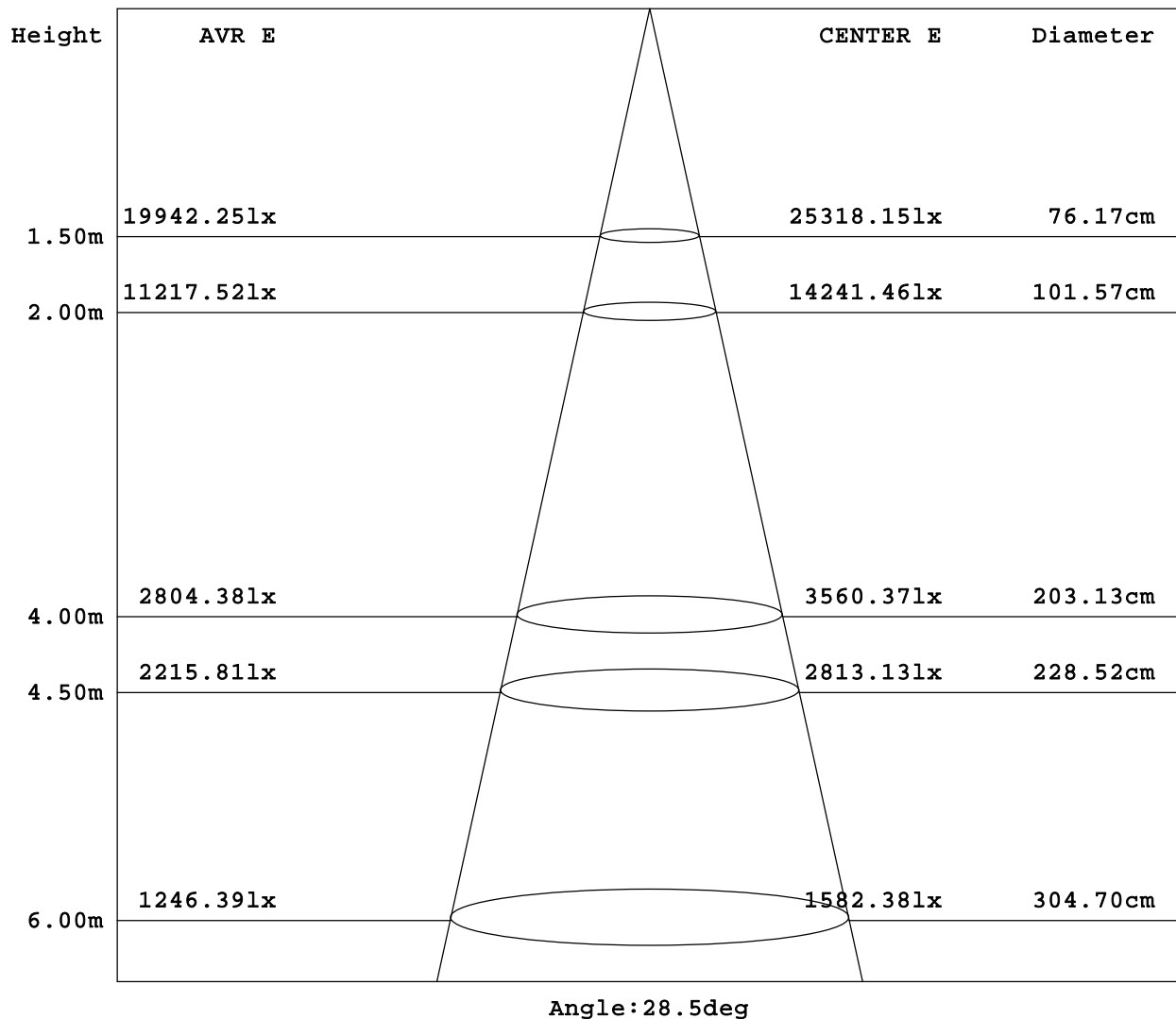
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月25日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017年07月25日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity: 65.0%
 Test Distance: 10.500 m
 Remarks:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: LI TIAN	Address:		
NAME: LT-T-115A	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	2.89	4.11	5.32	6.58	8.19	10.3	11.9	12.6	13.1	13.1	12.6	12.0	9.82	7.12	5.29	3.85	2.71	1.75	144	0.00		
64	3.29	4.42	6.19	8.43	11.6	15.9	19.2	20.9	22.1	22.3	21.6	20.3	16.7	11.7	7.91	5.29	3.42	2.25	224	0.00		
56	3.39	4.91	7.48	11.0	16.9	25.0	33.5	39.3	41.7	42.4	40.7	35.2	26.7	17.9	11.1	7.04	4.09	2.45	371	0.00		
48	3.48	5.74	9.25	15.0	25.6	43.0	65.8	86.2	95.6	97.1	87.9	65.6	42.5	25.3	14.6	8.66	4.90	2.71	699	26.3		
40	3.74	6.23	10.4	18.0	33.8	67.9	129	222	317	334	253	151	80.3	41.0	21.0	11.2	6.13	3.10	1709	1405		
32	4.02	7.04	12.5	23.3	48.2	101	217	443	663	656	430	215	102	49.7	24.4	12.7	6.66	3.37	3020	2747		
24	4.23	7.55	13.8	26.6	56.3	118	270	598	933	937	618	293	127	61.5	29.6	14.8	7.43	3.75	4120	3857		
VERTICAL(°)	4.38	7.81	14.3	27.9	57.3	116	278	645	1031	1066	739	351	147	72.8	34.9	17.0	8.37	4.14	4622	4360		
	4.70	8.65	16.4	33.3	67.0	132	317	723	1042	991	628	277	124	64.4	31.5	15.9	8.32	4.00	4486	4216		
	4.50	8.26	14.7	27.8	54.5	103	217	562	998	1089	745	338	143	73.2	36.9	18.1	9.15	4.31	4447	4165		
	4.59	8.45	15.1	28.5	56.1	107	239	607	1014	1038	659	288	125	63.9	31.7	16.0	8.19	3.97	4315	4028		
	4.45	7.98	14.0	26.1	50.5	98.7	224	559	945	979	623	274	116	57.6	27.9	14.3	7.34	3.68	4034	3745		
-24	4.09	6.90	11.4	20.3	37.4	75.4	160	399	768	887	611	283	115	54.3	26.3	13.5	6.86	3.50	3483	3198		
-32	3.96	6.63	11.0	18.8	35.0	69.7	148	330	565	559	308	138	69.0	33.4	17.4	9.80	5.57	2.90	2331	2028		
-40	3.73	5.62	8.65	13.2	20.7	35.3	58.6	72.5	88.8	106	112	88.8	53.2	28.5	15.7	9.05	5.23	2.75	729	304		
-48	3.55	5.06	7.58	10.8	15.7	22.9	28.1	21.3	14.9	12.8	17.8	30.0	25.8	17.0	10.8	6.90	4.14	2.41	258	0.00		
-56	3.44	4.51	6.40	8.55	11.3	14.1	12.4	8.40	7.79	7.74	7.51	7.78	9.40	9.24	7.08	5.08	3.22	2.09	136	0.00		
-64	3.24	3.93	4.98	6.07	6.81	7.25	6.15	4.26	3.31	3.26	3.46	4.93	6.77	6.47	5.02	3.76	2.60	1.76	84.1	0.00		
-72																						
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL(°) 16 24 32 40 48 56 64 72																						
Φ t	69.7	114	190	331	614	1162	2435	5353	8565	8842	5917	2871	1340	696	360	193	104	54.9	39171			
Φ a	0.00	0.00	0.00	0.00	0.00	568	2180	5126	8357	8642	5694	2612	876	25.9	0.00	0.00	0.00	0.00		33466		

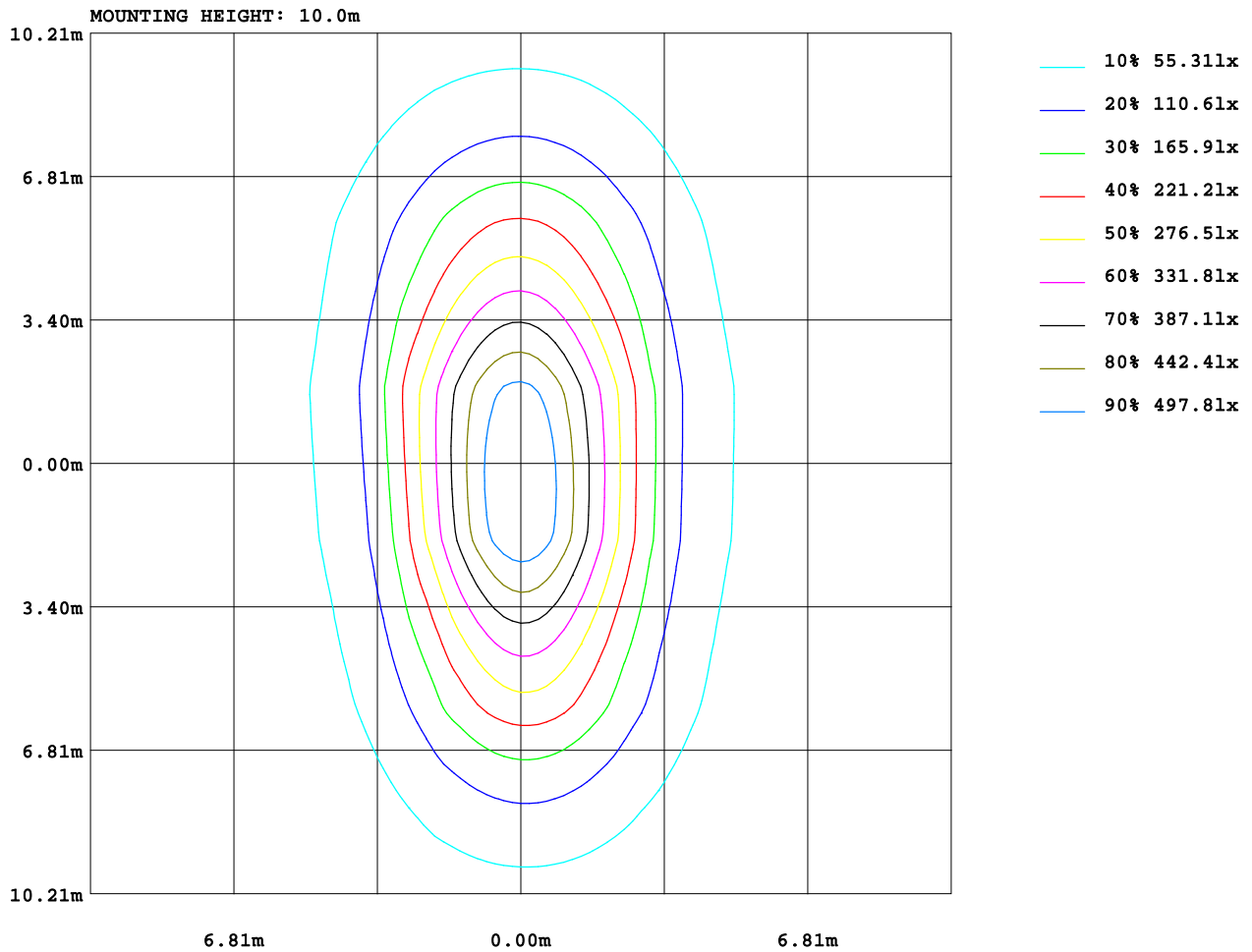
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月25日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.500 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



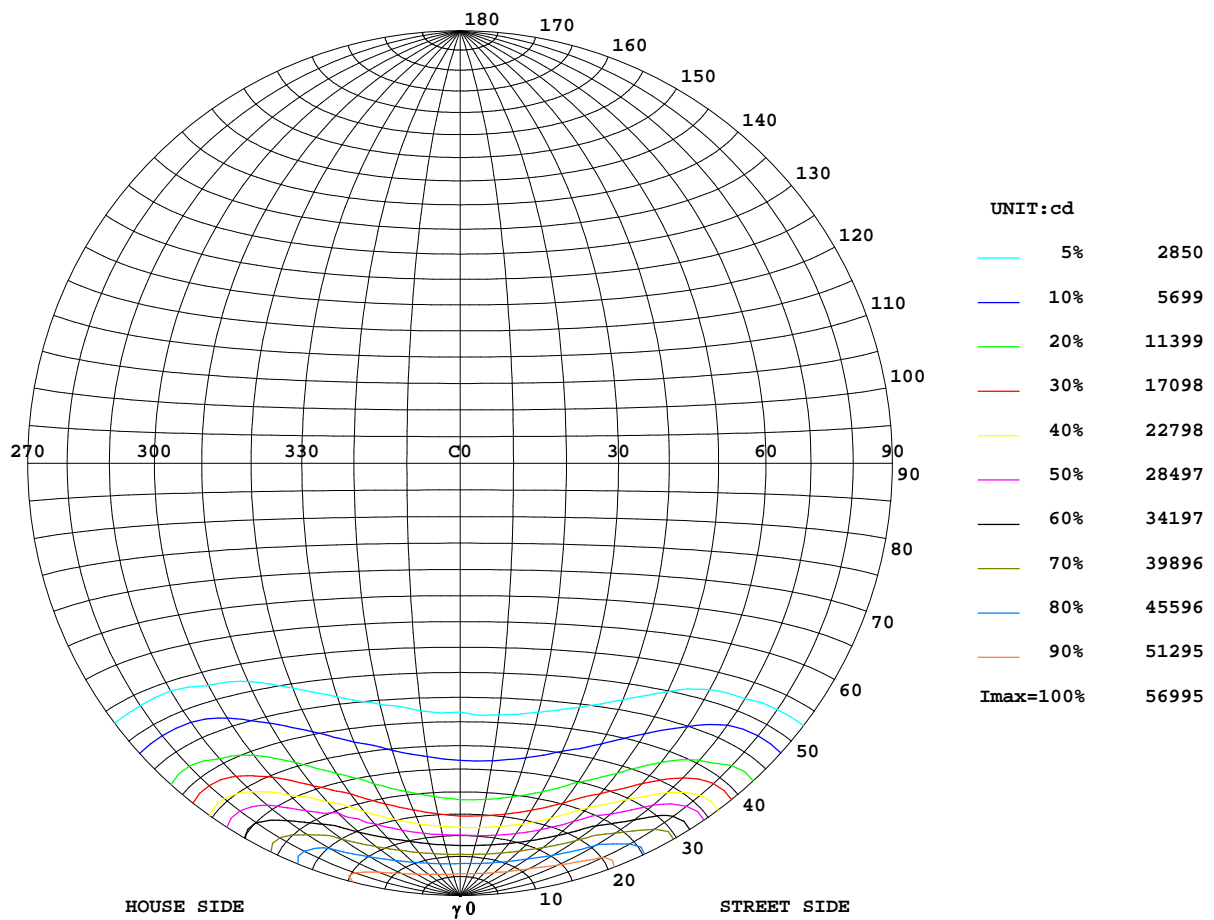
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s B-Beta (TYPE B)
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Remarks:

ISOCANDELA DIAGRAM

Report number:

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NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



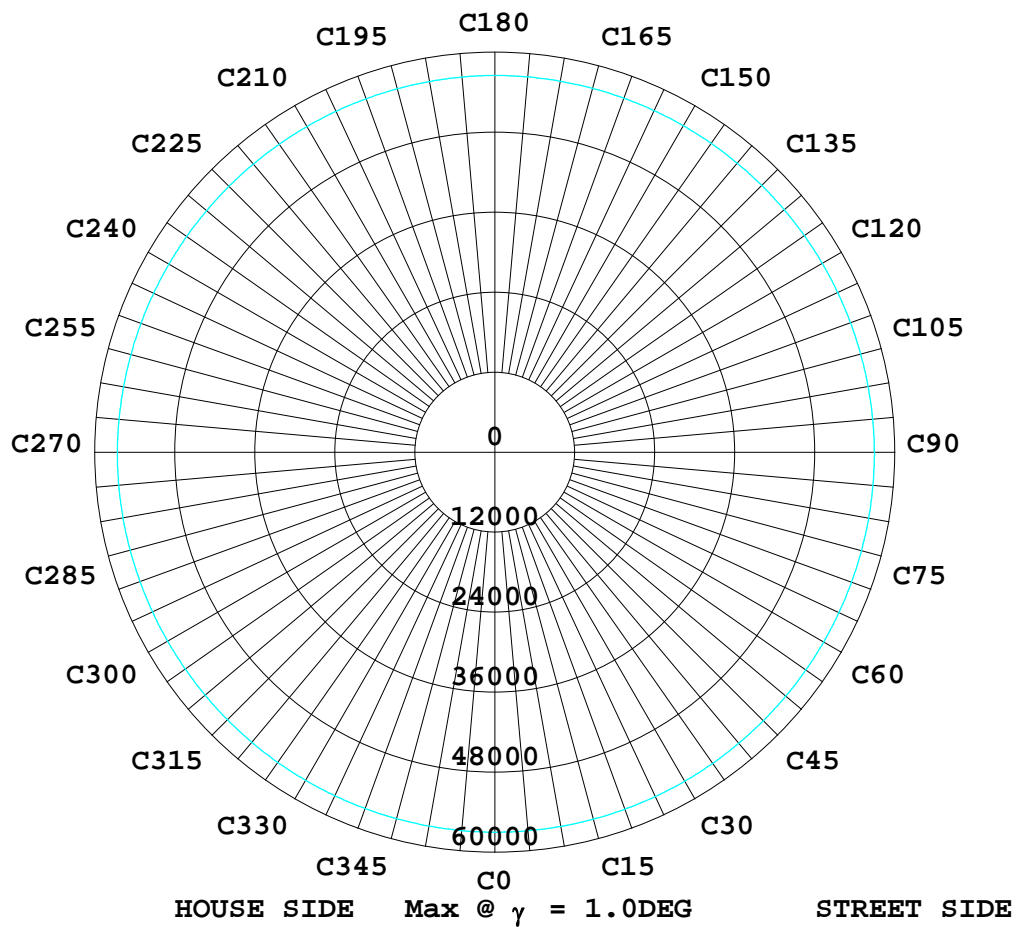
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月25日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月25日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: ×10cd

H(°) \ V(°)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20
-90.0	0.40	0.39	0.37	0.40	0.39	0.37	0.72	1.13	1.57	2.06	2.50	3.19	4.00	4.56	5.01
-85.0	0.40	0.39	0.37	0.40	0.39	0.37	0.72	1.13	1.57	2.06	2.50	3.19	4.00	4.56	5.01
-80.0	0.58	0.55	0.73	10.8	15.8	19.9	22.9	25.7	26.2	25.8	24.9	24.5	23.9	23.3	23.6
-75.0	0.58	0.55	0.73	10.8	15.8	19.9	22.9	25.7	26.2	25.8	24.9	24.5	23.9	23.3	23.6
-70.0	0.38	0.34	15.1	30.2	38.3	39.5	39.0	39.4	40.5	41.8	43.4	45.5	49.7	55.8	60.6
-65.0	0.38	0.34	15.1	30.2	38.3	39.5	39.0	39.4	40.5	41.8	43.4	45.5	49.7	55.8	60.6
-60.0	0.79	1.38	30.9	48.1	48.9	46.5	45.9	49.1	54.6	59.8	66.2	75.5	88.1	102	114
-55.0	0.79	1.38	30.9	48.1	48.9	46.5	45.9	49.1	54.6	59.8	66.2	75.5	88.1	102	114
-50.0	0.43	21.5	45.4	52.9	50.1	48.8	53.5	61.3	70.6	81.7	98.1	121	153	195	240
-45.0	0.43	21.5	45.4	52.9	50.1	48.8	53.5	61.3	70.6	81.7	98.1	121	153	195	240
-40.0	0.92	12.7	46.4	57.0	52.7	53.3	61.3	71.3	84.8	104	131	171	231	336	481
-35.0	0.92	12.7	46.4	57.0	52.7	53.3	61.3	71.3	84.8	104	131	171	231	336	481
-30.0	0.47	22.9	56.8	56.0	52.8	60.4	70.9	84.6	107	139	182	267	378	559	881
-25.0	0.47	22.9	56.8	56.0	52.8	60.4	70.9	84.6	107	139	182	267	378	559	881
-20.0	0.94	15.7	59.8	58.4	54.8	64.4	76.5	92.7	118	160	212	306	443	644	1034
-15.0	0.94	15.7	59.8	58.4	54.8	64.4	76.5	92.7	118	160	212	306	443	644	1034
-10.0	0.44	20.6	63.3	54.9	57.5	69.8	85.2	107	141	191	270	385	543	797	1314
-5.0	0.44	20.6	63.3	54.9	57.5	69.8	85.2	107	141	191	270	385	543	797	1314
0.0	0.97	14.5	63.4	55.9	56.5	68.4	83.1	105	137	188	261	381	538	777	1245
5.0	0.97	14.5	63.4	55.9	56.5	68.4	83.1	105	137	188	261	381	538	777	1245
10.0	0.42	39.7	57.9	53.2	56.5	68.3	82.6	104	143	196	290	414	594	896	1529
15.0	0.42	39.7	57.9	53.2	56.5	68.3	82.6	104	143	196	290	414	594	896	1529
20.0	0.97	16.7	56.4	53.3	53.2	62.6	74.6	91.8	123	167	230	351	516	777	1289
25.0	0.97	16.7	56.4	53.3	53.2	62.6	74.6	91.8	123	167	230	351	516	777	1289
30.0	0.42	34.3	50.9	50.4	50.7	59.0	70.0	86.0	112	149	208	313	467	705	1106
35.0	0.42	34.3	50.9	50.4	50.7	59.0	70.0	86.0	112	149	208	313	467	705	1106
40.0	0.88	13.2	43.8	48.8	48.6	51.7	60.4	71.8	87.1	110	145	202	290	409	574
45.0	0.88	13.2	43.8	48.8	48.6	51.7	60.4	71.8	87.1	110	145	202	290	409	574
50.0	0.44	20.0	38.0	44.6	45.1	46.6	52.9	61.3	71.3	85.3	106	136	175	219	268
55.0	0.44	20.0	38.0	44.6	45.1	46.6	52.9	61.3	71.3	85.3	106	136	175	219	268
60.0	0.76	2.30	25.3	37.6	41.8	42.2	43.5	48.2	53.4	59.2	67.7	79.3	92.1	105	114
65.0	0.76	2.30	25.3	37.6	41.8	42.2	43.5	48.2	53.4	59.2	67.7	79.3	92.1	105	114
70.0	0.45	0.57	16.2	26.9	34.8	35.9	36.6	37.9	39.6	41.5	43.9	48.0	53.7	58.3	60.5
75.0	0.45	0.57	16.2	26.9	34.8	35.9	36.6	37.9	39.6	41.5	43.9	48.0	53.7	58.3	60.5
80.0	0.59	0.58	0.93	12.4	19.0	23.0	26.3	26.4	26.0	25.3	25.2	24.9	24.8	25.8	27.7
85.0	0.59	0.58	0.93	12.4	19.0	23.0	26.3	26.4	26.0	25.3	25.2	24.9	24.8	25.8	27.7
90.0	0.30	0.26	0.28	0.30	0.28	0.28	0.35	0.76	1.17	1.47	1.72	1.97	2.20	2.44	2.67

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月25日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.500 m
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: ×10cd

H(°) \ V(°)	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50	55
-90.0	5.30	5.26	4.79	3.67	3.31	3.51	3.25	2.77	2.31	1.99	1.76	1.49	1.20	0.83	0.52
-85.0	5.30	5.26	4.79	3.67	3.31	3.51	3.25	2.77	2.31	1.99	1.76	1.49	1.20	0.83	0.52
-80.0	25.3	25.5	23.0	20.9	20.2	21.1	22.3	22.2	19.5	17.5	16.7	15.8	15.1	14.6	13.2
-75.0	25.3	25.5	23.0	20.9	20.2	21.1	22.3	22.2	19.5	17.5	16.7	15.8	15.1	14.6	13.2
-70.0	62.1	61.3	59.6	58.8	58.0	57.5	57.7	56.6	53.2	46.4	39.8	35.0	31.8	28.9	26.6
-65.0	62.1	61.3	59.6	58.8	58.0	57.5	57.7	56.6	53.2	46.4	39.8	35.0	31.8	28.9	26.6
-60.0	122	124	123	124	122	119	116	111	103	91.0	77.9	64.2	54.4	46.9	40.4
-55.0	122	124	123	124	122	119	116	111	103	91.0	77.9	64.2	54.4	46.9	40.4
-50.0	287	323	340	342	336	322	293	251	205	162	126	99.1	78.6	64.8	53.5
-45.0	287	323	340	342	336	322	293	251	205	162	126	99.1	78.6	64.8	53.5
-40.0	688	957	1245	1433	1407	1190	907	651	453	315	220	156	117	88.9	70.4
-35.0	688	957	1245	1433	1407	1190	907	651	453	315	220	156	117	88.9	70.4
-30.0	1481	2427	3422	3945	3628	2702	1744	1054	656	434	294	199	144	108	81.1
-25.0	1481	2427	3422	3945	3628	2702	1744	1054	656	434	294	199	144	108	81.1
-20.0	1855	3117	4403	5214	4995	3952	2747	1593	921	590	405	275	190	139	99.3
-15.0	1855	3117	4403	5214	4995	3952	2747	1593	921	590	405	275	190	139	99.3
-10.0	2406	3818	5084	5663	5121	3888	2547	1478	889	596	419	288	201	148	104
-5.0	2406	3818	5084	5663	5121	3888	2547	1478	889	596	419	288	201	148	104
0.0	2207	3665	4964	5675	5349	4244	2968	1710	1013	672	474	332	228	166	115
5.0	2207	3665	4964	5675	5349	4244	2968	1710	1013	672	474	332	228	166	115
10.0	2738	3930	4957	5354	4824	3763	2569	1523	917	615	432	296	205	149	104
15.0	2738	3930	4957	5354	4824	3763	2569	1523	917	615	432	296	205	149	104
20.0	2102	3377	4400	4901	4590	3678	2693	1613	960	623	430	295	199	145	101
25.0	2102	3377	4400	4901	4590	3678	2693	1613	960	623	430	295	199	145	101
30.0	1743	2544	3209	3455	3143	2429	1670	1070	690	464	316	210	153	113	83.2
35.0	1743	2544	3209	3455	3143	2429	1670	1070	690	464	316	210	153	113	83.2
40.0	782	1019	1242	1364	1323	1140	895	661	472	334	236	166	123	92.6	72.2
45.0	782	1019	1242	1364	1323	1140	895	661	472	334	236	166	123	92.6	72.2
50.0	310	338	352	359	359	347	316	269	219	176	136	106	82.1	66.8	54.5
55.0	310	338	352	359	359	347	316	269	219	176	136	106	82.1	66.8	54.5
60.0	118	119	121	123	122	123	124	121	112	98.5	83.4	67.8	56.7	48.2	41.0
65.0	118	119	121	123	122	123	124	121	112	98.5	83.4	67.8	56.7	48.2	41.0
70.0	61.3	62.1	63.8	64.7	63.5	62.4	62.2	61.6	58.2	50.4	43.0	37.6	33.9	30.2	27.1
75.0	61.3	62.1	63.8	64.7	63.5	62.4	62.2	61.6	58.2	50.4	43.0	37.6	33.9	30.2	27.1
80.0	28.2	26.5	24.3	23.2	23.7	25.1	26.8	25.9	22.5	20.0	18.7	17.7	16.6	16.2	15.4
85.0	28.2	26.5	24.3	23.2	23.7	25.1	26.8	25.9	22.5	20.0	18.7	17.7	16.6	16.2	15.4
90.0	2.88	3.04	2.93	2.91	3.13	2.99	2.77	2.56	2.35	2.13	1.86	1.52	1.15	0.83	0.51

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月25日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.500 m
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: ×10cd

H(°) \ V(°)	60	65	70	75	80	85	90
-90.0	0.38	0.36	0.34	0.33	0.33	0.32	0.28
-85.0	0.38	0.36	0.34	0.33	0.33	0.32	0.28
-80.0	11.6	9.28	6.45	1.83	0.35	0.28	0.26
-75.0	11.6	9.28	6.45	1.83	0.35	0.28	0.26
-70.0	24.9	22.9	19.9	15.4	7.38	0.85	0.58
-65.0	24.9	22.9	19.9	15.4	7.38	0.85	0.58
-60.0	33.9	30.0	28.1	25.1	17.8	5.31	0.37
-55.0	33.9	30.0	28.1	25.1	17.8	5.31	0.37
-50.0	43.6	35.6	32.7	30.4	22.2	8.53	0.79
-45.0	43.6	35.6	32.7	30.4	22.2	8.53	0.79
-40.0	56.0	44.3	36.1	33.7	29.4	14.2	0.47
-35.0	56.0	44.3	36.1	33.7	29.4	14.2	0.47
-30.0	63.7	50.1	39.4	36.4	32.9	14.0	0.88
-25.0	63.7	50.1	39.4	36.4	32.9	14.0	0.88
-20.0	75.3	58.9	45.1	37.5	35.8	23.3	0.57
-15.0	75.3	58.9	45.1	37.5	35.8	23.3	0.57
-10.0	81.3	62.2	46.6	39.1	37.7	19.7	0.98
-5.0	81.3	62.2	46.6	39.1	37.7	19.7	0.98
0.0	90.4	67.0	50.4	39.4	37.3	30.9	0.75
5.0	90.4	67.0	50.4	39.4	37.3	30.9	0.75
10.0	81.8	62.5	47.0	39.4	37.5	25.8	0.98
15.0	81.8	62.5	47.0	39.4	37.5	25.8	0.98
20.0	76.7	60.2	46.4	38.0	35.8	30.1	0.82
25.0	76.7	60.2	46.4	38.0	35.8	30.1	0.82
30.0	64.7	51.2	40.1	36.7	33.6	19.5	0.92
35.0	64.7	51.2	40.1	36.7	33.6	19.5	0.92
40.0	56.8	44.9	36.4	33.9	30.4	18.8	0.52
45.0	56.8	44.9	36.4	33.9	30.4	18.8	0.52
50.0	43.8	35.8	32.7	30.5	25.7	10.6	0.80
55.0	43.8	35.8	32.7	30.5	25.7	10.6	0.80
60.0	33.8	29.8	27.9	25.8	19.5	7.07	0.45
65.0	33.8	29.8	27.9	25.8	19.5	7.07	0.45
70.0	25.0	23.3	20.8	16.3	8.51	1.00	0.61
75.0	25.0	23.3	20.8	16.3	8.51	1.00	0.61
80.0	13.9	11.6	8.68	5.49	0.94	0.37	0.37
85.0	13.9	11.6	8.68	5.49	0.94	0.37	0.37
90.0	0.31	0.28	0.29	0.29	0.28	0.28	0.26

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月25日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.500 m
 Remarks: